

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-16. Cancelled.

17. (Currently Amended) A mobile device for communication between a user of the mobile device and at least one other party, the mobile device comprising:

~~input~~ means for providing the at least one other party with a representation of the user,

detecting means for detecting an environmental or physical attribute impairing the ability of the user to continue communication in a currently occurring mode~~affecting the communication of the user~~, and

means for automatically changing the user's mode of communication so as to accommodate the detected impairment and for configuring or modifying the representation of the user to the at least one other party in dependence on the detected environment or physical attribute.

18. (Previously Presented) A mobile device as in claim 17 wherein the representation of the user comprises a moving visual image.

19. (Previously Presented) A mobile device as in claim 18 wherein the representation of the user comprises an avatar.

20. (Currently Amended) A mobile device for communication between a user of the mobile device and at least one other party, the mobile device comprising:

output means for providing the user with a representation of the at least one other party,

detecting means for detecting an environmental or physical attribute impairing the ability of the user to continue communication in a currently occurring mode~~affecting the communication by the user~~, and

means for automatically changing the user's mode of communication so as to accommodate the detected impairment and for configuring or modifying the representation of the at least one other party to the user in dependence on the detected environmental or physical attribute.

21. (Previously Presented) A mobile device as in claim 20 wherein:

the output means comprises a first output mode and a second output mode, and

the representation of the at least one other party is modified by switching the output means from the first output mode to the second output mode.

22 (Previously Presented) A mobile device as in claim 21 wherein:

the first output mode comprises a video output, and

the second output mode comprises an audio output.

23. (Currently Amended) A mobile device as in claim 17 further including means to provide the user with information alerts related to an automatically detected environmental or physical condition.

24. (Currently Amended) A mobile device as in claim 17 wherein the environmental or physical attribute ~~is~~ comprises a change in an ambient sound level and the change in the user's mode of communicating comprises a corresponding change in volume of audio output.

25. (Currently Amended) A mobile device as in claim 17 wherein the environmental or physical attribute ~~is~~ comprises a change in an acceleration of or a force associated with the user.

26. (Previously Presented) A mobile device as in claim 17 wherein the environmental or physical attribute is a location.

27. (Currently Amended) A mobile device as in claim 17 wherein the environmental or physical attribute ~~is~~ comprises a direction of changing user location.

28. (Currently Amended) A mobile device as in claim 17 wherein the environmental or physical attribute ~~is~~ comprises a change in velocity associated with the user.

29. (Currently Amended) A mobile device as in claim 17 wherein the environmental or physical attribute ~~is~~ comprises a movement of the user.

30. (Currently Amended) A mobile device as in claim 17 wherein the environmental or physical attribute ~~is~~ comprises a posture of the user.

31. (Currently Amended) A mobile device as in claim 17 wherein the environmental or physical attribute ~~is~~ comprises a privacy level of the user.

32. (Previously Presented) A mobile device as in claim 17 further comprising:

processing means for processing data indicative of the environmental or physical attribute.

33. (Previously Presented) A mobile device as in claim 32 wherein the processing means utilizes a classification or analysis algorithm.

34. (Previously Presented) A mobile device as in claim 32 wherein the processing means utilizes a Hidden Markov Model.

35. (Currently Amended) A mobile device for communication between a user of the mobile device and at least one other party, the mobile device comprising:

~~input~~ means for providing the at least one other party with a representation of the user;

output means for providing the user with a representation of the at least one other party;

detecting means for detecting an environmental or physical attribute impairing the ability of the user to continue communication in a currently occurring mode~~affecting the communication by the user~~; and

means for automatically changing the user's mode of communication so as to accommodate the detected impairment and for configuring or modifying the at least one of: (a) the representation of the at least one other party to the user in dependence on the detected environmental or physical attribute, and (b) the representation of the user to the at least one other party in dependence on the detected environmental or physical attribute.

36. (Previously Presented) A mobile device as in claim 35 further including a store for storing predetermined information corresponding to the detected environmental or physical attribute.

37. (Previously Presented) A mobile device as in claim 35 for communication between the user of the mobile device and more than one other party.

38. (Currently Amended) A mobile device as in claim 35 further for
~~connection to a computer, for communication between a user of the mobile device and at~~
~~least one other party, the mobile device comprising:~~

means for detecting a quality of service level of the connection between the
mobile device and the computer, and

means for configuring or modifying the representation of the user to the at least
one other party in dependence on the detected quality of service of the connection.

39. (Currently Amended) A system comprising:

(i) a mobile device for communication between a user of the mobile device
and at least one other party,

(ii) a mobile user interface for connection with the mobile device including

~~input~~ means for providing the at least one other party with a representation
of the user,

output means for providing the user with a representation of the at least one
other party,

detecting means for detecting an environmental or physical attribute

impairing the ability of the user to continue communication in a currently
occurring mode~~affecting the communication by the user,~~

processing means for processing data indicating the environmental or physical attribute,

means for automatically changing the user's mode of communication so as to accommodate the detected impairment,

means for configuring or modifying the representation of the at least one other party to the user in dependence on the detected environmental or physical attribute,

means to configure or modify the representation of the user to the at least one other party in dependence on the detected environmental or physical attribute, and

(iii) a computer for connection with the mobile device and/or the mobile user interface including

means for defining a virtual meeting space for communications between the user and the at least one other party, and

means for controlling the representation of the user and the at least one other party to each other in dependence on the detected environmental or physical attribute.

40. (Currently Amended) A system comprising:

- (i) a mobile device for communication between a user of the mobile device and at least one other party, and
- (ii) a computer for connection with the mobile device including
 - means for defining a virtual meeting space for communications between the user and the at least one other party,
 - ~~input~~ means for providing the at least one other party with a representation of the user,
 - output means for providing the user with a representation of the at least one other party,
 - detecting means for detecting an environmental or physical attribute impairing the ability of the user to continue communication in a currently occurring mode~~affecting the communication by the user,~~
 - processing means for processing data indicating the environmental or physical attribute,
 - means for automatically changing the user's mode of communication so as to accommodate the detected impairment.

means for configuring or modifying the representation of the at least one other party to the user in dependence on the detected environmental or physical attribute, and

means for configuring or modifying the representation of the user to the at least one other party in dependence on the detected environmental or physical attribute.

41. (Previously Presented) A system as in claim 39 further including:

means for detecting a quality of service level of the connection between the mobile device and the computer, and

means for configuring or modifying the representation of the user to the at least one other party in dependence on the detected quality of service of the connection.

42. (Previously Presented) A system as in claim 39 for communication between the user of the mobile device and more than one other party.

43. (Currently Amended) A method of communication between a user of the mobile device of claim 17 and at least one other party, said method comprising:

providing the at least one other party with a representation of the user;

providing the user with a representation of the at least one other party;

detecting an environmental or physical attribute impairing the ability of the user to continue communication in a currently occurring mode~~affecting communication between the user and the at least one other party;~~

automatically changing the user's mode of communication so as to accommodate the detected impairment, and

configuring or modifying the representation of at least one of: (a) the at least one other party to the user in dependence on the detected environmental or physical attribute, and (b) the user to the at least one other party in dependence on the detected environmental or physical attribute.

44. (Previously Presented) A method as in claim 43 for communication between the user of the mobile device and more than one other party.

45. (Currently Amended) A method of conducting a teleconference in a virtual meeting space between a user of the mobile device and at least one other party, said method comprising:

providing the at least one other party with a representation of the user;

providing the user with a representation of the at least one other party;

detecting an environmental or physical attribute impairing the ability of the user to
continue communication in a currently occurring mode~~affecting communication
between the user and the at least one other party,~~
automatically changing the user's mode of communication so as to accommodate
the detected impairment, and

configuring or modifying the representation of at least one of: (a) the at least one
other party to the user in dependence on the detected environmental or physical
attribute, and (b) the user to the at least one other party in dependence on the
detected environmental or physical attribute.

46. (Previously Presented) A method as in claim 45 for conducting a
teleconference between the user of the mobile device and more than one other party.